

N<sup>o</sup> 5267



A.D. 1902

Date of Application, 3rd Mar., 1902—Accepted, 12th June, 1902

COMPLETE SPECIFICATION.

**A Weather Casing Brick for the Casing of Old or New Walls of all Descriptions both Interior and Exterior**

I FRANK RUSSELL of No 75 High Street Reigate in the County of Surrey Painter and Glazier. do hereby declare the nature of this invention and in what manner the same is to be performed, to be particularly described and ascertained in and by the following statement:—

- 5 My invention has for its object the effectual prevention of water or damp penetrating the walls of houses either old or new thus rendering the walls perfectly dry. To accomplish this I manufacture a pressed brick to be composed of tile or brick clay or of any other suitable material or combination of materials either hard or soft, in the form shown in the accompanying drawings; Fig 1 showing the  
10 end of the brick. The brick may be fixed upon any wall as shown in Fig 1, and will rest upon a specially shaped brick at the base (Fig 2) and be finished with a similar brick at the top (Fig 3) a false joint being provided Fig 3 A. Provision will be made for nailing if desired by carrying the brick a trifle higher so as to cover the existing mortar course, as shown in Fig 4. "A" Provision will also  
15 be made for fixing in existing joints of brickwork by means of a projecting ledge— if desired as shown in Fig 5 this projecting ledge forming the top of a specially shaped brick, and to be inserted in the joint of the existing brick work as at Fig. 5. A. In order to make the casing of greater strength, I provide for various dovetailed and other grooves, notching and the like, in the centre and along all  
20 lines of mortar as shown in Figs 1 (A. B. C and D), 6, 7, 8 and 9 thus enabling the brick to be manufactured in several different ways. Angle bricks will be made as in Fig 10 to overlap in the fixing, provision being made by means of a false joint (A) for the closure piece. For inner angles the shape of the angle brick will be reversed.
- 25 The brick can also be made in various sizes according to the nature of the wall to be fixed upon but the average size will be for stretcher  $8\frac{3}{4}" \times 2\frac{3}{4}"$  and header  $4\frac{1}{2}" \times 2\frac{3}{4}"$ . The face of the bricks may be glazed in various colours and the size of the mortar or cement joint may be regulated by lengthening the face of the brick (Fig 1. E)
- 30 Having now particularly described and ascertained the nature of my said invention and in what manner the same is to be performed I declare that what I claim is
1. A brick made to my pattern of any material for either outside or inside walls with alternative dovetailings, notchings and groovings to secure the adherence  
35 of mortar, with a specially shaped base, top, and angle brick, and to be fixed with or without nails, and with or without a projecting ledge for insertion in mortar course of existing brick work.

Dated this First day of March 1902.

FRANK RUSSELL.

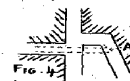
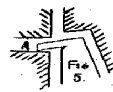
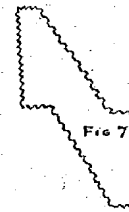
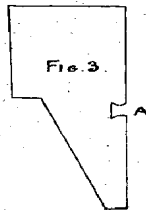
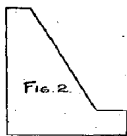
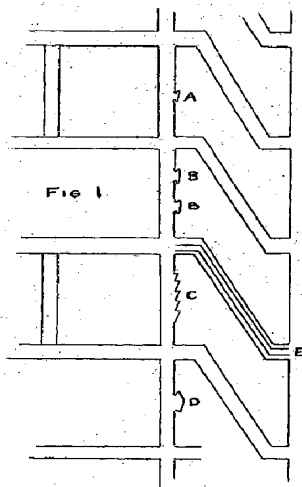
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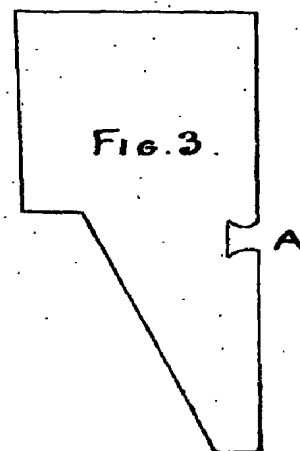
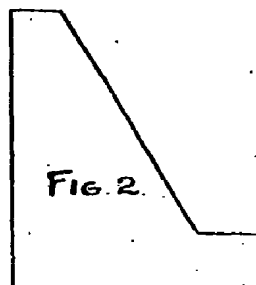
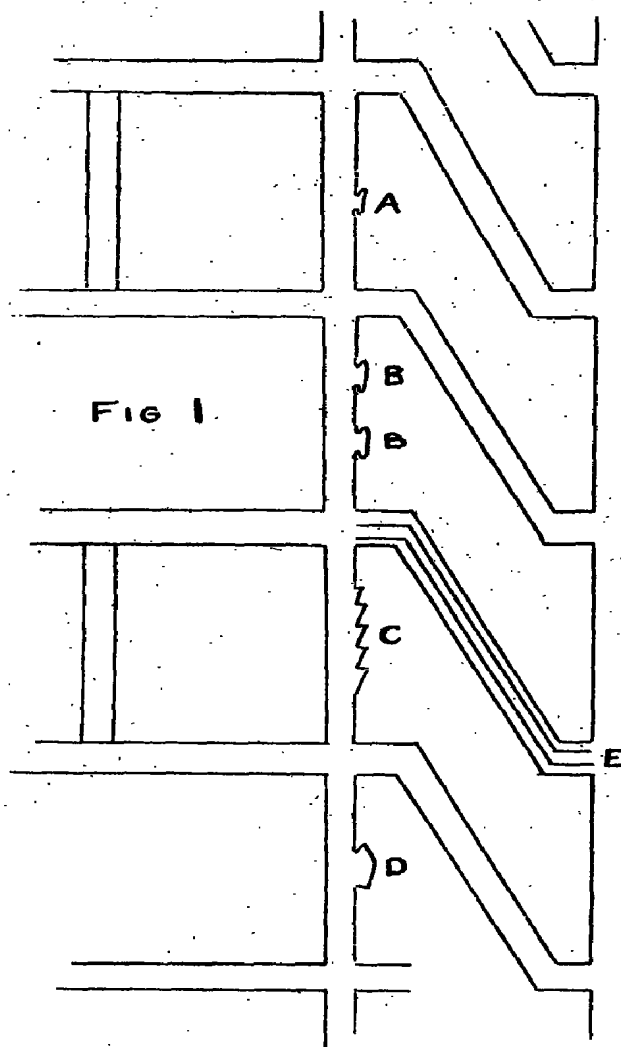


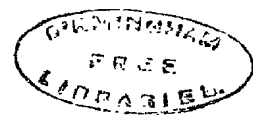
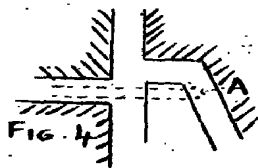
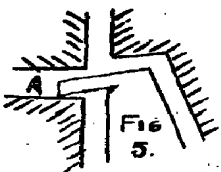
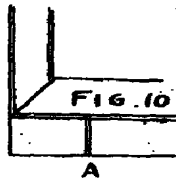
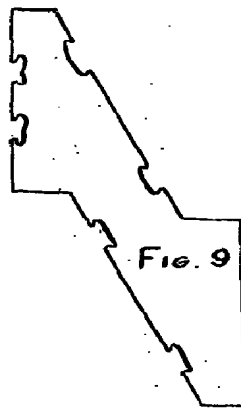
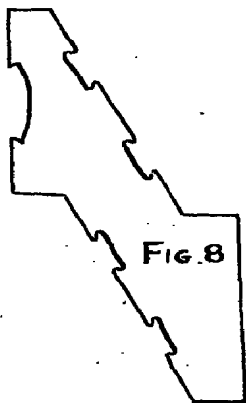
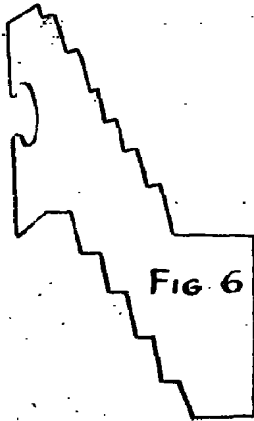
SHEET 1.

(2 SHEETS)  
 SHEET 2.



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